_				UTAH	OIL AND GAS	CONSERVATION (COMMISSIO	N		•
REMARKS:	WELL LOG	ĒLI	ELECTRIC LOGS X FILE WATER S						SUB. REPORT/abd.	7. **
*	Location	n Ab	andoned-	Well	never	drilled	- J21	129,1	1987	
-										
DATE FILED	7-7-8	10		w						
LAND: FEE &			LEASE NO. ML-27	7237		PUBLIC LEASE NO	 		INDIAN	
DRILLING APP		-9-80								
SPUDDED IN:		<u>-9-00</u>								
COMPLETED	700	,	PUT TO PROD	DUCING:						
INITIAL PROD	OUCTION:									
GRAVITY A.P.I	l.									
GOR.						 				
PRODUCING 2	ZONES:			•						
TOTAL DEPTH	H:									
WELL ELEVAT	10N: 5-24	1019	ν							
DATE ABANDO	ONED: LA	Jan 🤰	9,1982	1-2	6-82					
FIELD:	WILDCAT	7/86								
UNIT:	PATTERS	SON								
COUNTY:	SAN JUAN	1								
WELL NO.	PATTERS	ON UNI	T #3				API		3-037-30574	
LOCATION	538	F	т. FROM (N) (ЖЖ NE,		1872'	FT. FROM STEL (W) LINE	NE NW	1/4 - 1/4 SEC. 32	
TWP.	RGE.	SEC.	OPERATOR			TWP.	RGE.	SEC.	OPERATOR	
			1			37\$	25E	32	WEXPRO CO.	
							1	1	l .	1

				t
		***	•	
FILE HOLAHONS		Checked by Chief	and the state of t	
	Name of the owner, where	Copy N I D to Field	Office	•
guard to NID File	shape was a nave of the property	Approval Letter	and white or starting to the starting of the s	"
Entered On S R Sheet	******************	Oksparoval Letter) wastenands a warman state	"
Location Map Planed		OKAPPO		
Curd Indexed	I and			.
IW R for State or Fe	ANATA	in need to	d	
COMPLETE	No.	Legation Inspecto		
Date Well Co	mpleted	Bond rolessed State of Fee	Land	4
OW	Wassana FA.			
6W	OS	65 FILED		: 1
Driller's L	Den and the second	GR GR-	Niera	
Electric I	ogs (No.)	GR	THE AND THE STREET CONTRACTOR OF THE STREET	·
E	Mil.	Senis Other	The same of the sa	
Lat.	and the same of th	William State	4	
	Section of the Control of the Contro			100

Lwl 4-17-9/

STATE OF UTAH TMENT OF NATURAL RESOURCES

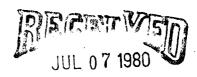
SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

D	EPARTMENT OF NA	TURAL RESOURCES	3	icverse side)		•		
	DIVISION OF OIL,				5. Lease Designation and Serial No. ML-27237			
APPLICATION	FOR PERMIT T	O DRILL, DEEPE	N, OR PLU	G BACK	ACK 6. If Indian, Allottee or Tribe Name			
b. Type of Well	DRILL XX DEEPEN [] PLUG BACK Patte							
Oil Sa Ga We	8. Farm or Lease Nar Patterson 1							
<u>-</u>	Wexpro Company 9. Well No.							
4. Location of Well (Repo	129, Rock Spring	10. Field and Pool, or Wildcat 11. Sec., T., R., M., o	or Bik.					
At proposed prod. zone	direction from nearest tow	FNL; 1872' FWL			S.32, T.37S	., R.25E.		
34.6 miles	northeast to Pl	leasant View, Co	lorado		San Juan	Utah		
property or lease line.	ine, if any)	5/2 FWL	600	to	of acres assigned this well N/A			
or applied for, on this	lease, it. 1 5888	1 Unit Well 19. Pr , S.5, T.38S.	5860'	20. Ro	Rotary			
21. Elevations (Show whether KB 5250'; (her DF, RT, GR, etc.) R.: GR 5240	25E.	परिद्धि	un /	22. Approx. date wo Upon Approv	_		
23.		PROPOSED CASING AND	CEMENTING PRO	GRAM				
Size of Hole	Size of Casing	Weight per Foot	Setting Depth		Quantity of Ceme	ent 70 Swaf.		
12-1/4"	9-5/8"	36 ³ ^t	1550'	725 SI	cs. of Reg. "G"	cement w/2		

5860'

Wexpro Company proposes to drill Patterson Unit Well No. 2 to a total depth of 5860'.

APPROVED BY THE DIVISION OF OIL, GAS, AND MINING DATE: 7-9-80
BY: M.J. Minder

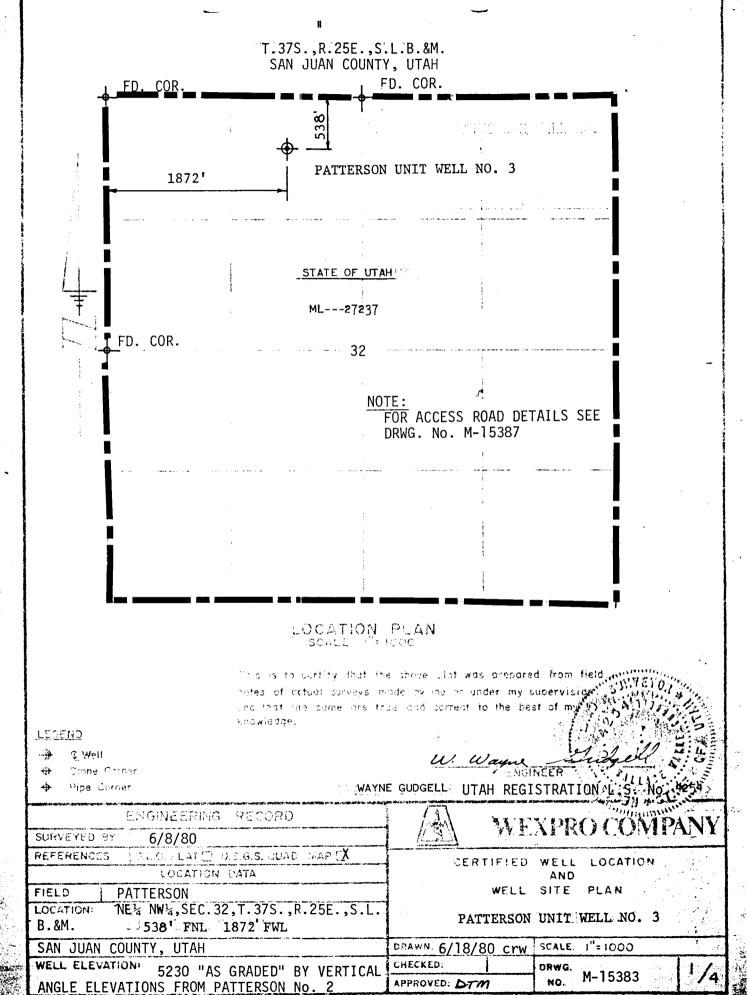


To be determined from caliper logs

DIVISION OF OIL, GAS & MINING

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout

preventer program, if any.		
Signed by W Headl	Title Division Engr.	Date 6/24/80
(This space for Federal or State office use) Permit No. 43-037-3057\$	Approval Date	
Approved by	Title	Date



WEXPRO COMPANY

PATTERSON UNIT WELL NO. 3

LEASE NO.: ML-27237

NE 1/4 NW 1/4 SECTION 32, T.37S., R.25E. SAN JUAN COUNTY, UTAH 10-POINT PLAN

- 1. The surface formation is Morrison.
- 2. Estimated tops of important geological markers are:

Morrison Entrada Carmel	Surface 575' 745'
Navajo	775 '
Chinle	1475'
Shinarump	2340'
Cutler	2470 '
Honaker Trail	4340 '
Paradox	4830 '
Upper Ismay	5215 '
Base 2nd Shale	5360'
Ismay Porosity	5390'
Lower Ismay Shale	5460 '
"B" Zone	5580 '
Desert Creek	5620 '
Lower Bench	5675 '
Salt	5860 '
Total Depth:	5860 '

Objective Reservoir: Upper Ismay Porosity, 5390'

Other Possible Producing Zones: Honaker Trail, 4340; and Lower Bench

Desert Creek, 5675'.

- 3. Estimated depths of anticipated water, oil or gas or other mineral bearing formations expected:
 - A. Water flows may occur in the Upper Cutler Formation from 2470' to 3000'. Sufficient mud weight will be controlled by water flow.
 - B. Oil or gas expected in Objective Reservoirs Upper Ismay Porosity, 5,390'; Honaker Trail, 4340'; and, Lower Bench Desert Creek, 5675'.
 - C. No mineral bearing formations anticipated.

4. Casing Program:

Proposed	Footage	Size	Grade	Weight	Condition	Thread
Surface	1550'	9-5/8"	K55	36#	NEW	8rd LT&C
Production	5860 '	5-1/2"	K55	17#	NEW	8rd ST&C

Cement Program:

Surface: 725 sacks of regular type "G" cement treated with 2% Calcium Chloride or 3% D-43A.

Production: Composition to be determined from caliper logs, plus 30% excess. Salt content of mud will be checked to determine if salt saturated cement will be required.

Wexpro Company
Patterson Unit Well No. 3
Lease No.: ML-27237
NE 1/4 NW 1/4 Section 32, T.37S., R.25E.
San Juan County, Utah

10-Point Plan

Page Two

- 5. Operator's minimum specifications for pressure control equipment requires a 10", 3000 psi annular preventer, 10" 3000 psi double gate blowout preventer with blind rams in the top and 4-1/2" pipe rams in the bottom, and a 6", 5000 psi double gate preventer with blind rams in bottom and 2-7/8" rams in top will be used during completion operations. See attached diagrams. Blowout preventer will be tested by rig equipment after each string of casing is run. All ram-type preventers will have hand-wheels installed and operative at the time the preventers are installed.
- 6. Fresh water with minimum properties from surface to total depth. Spud mud will be used for the surface hole. A mud desander will be used from under the surface casing to the total depth. Ten foot samples will be caught by contractor from surface casing to 4300' to total depth, and the logging unit will catch 10-foot samples from 4300' to the total depth.

Sufficient mud materials to maintain mud requirements and to control minor lost circulation and blowout problems will be stored at the well site.

- 7. Auxiliary equipment will consist of:
 - 1. A manually operated kelly cock.
 - 2. No floats at bit.
 - 3. Mud will be monitored visually from surface to total depth.
 - 4. Full opening Shafer floor valve, manually operated.
- 8. Coring: 120 feet, Upper Ismay, 5360' 5420', 5420' 5480'.

Drill Stem Tests: 4 Drill Stem Tests:

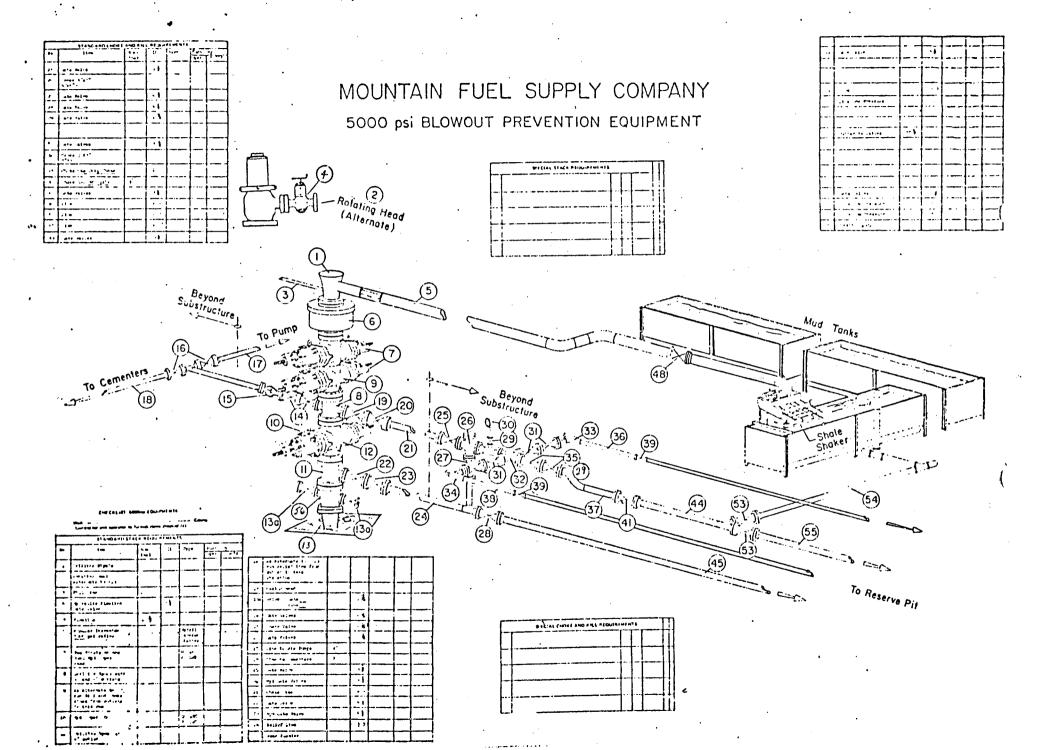
Honaker Trail, 4340'; Upper Ismay, 5390' and 5450'; and, Desert Creek Lower Zone, 5675'.

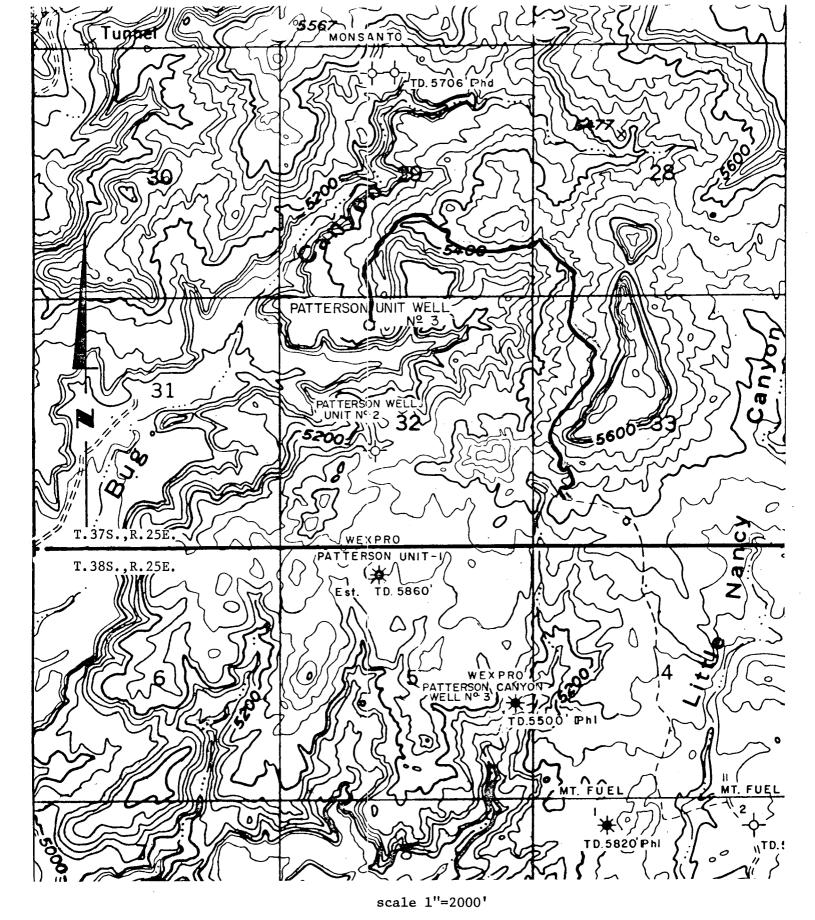
Mechanical Logs:

- 1. Dual Induction Laterolog with Spontaneous Potential (2" Linear, 5" Logarithmic) from surface to total depth.
- 2. Sidewall Neutron with Gamma Ray & Caliper from 2470' to total depth, Gamma Ray to surface.
- 3. Dipmeter from 4300' to total depth.

During drill stem testing or when a completion rig is completing a well, some flaring will be necessary of natural gas or produced gases.

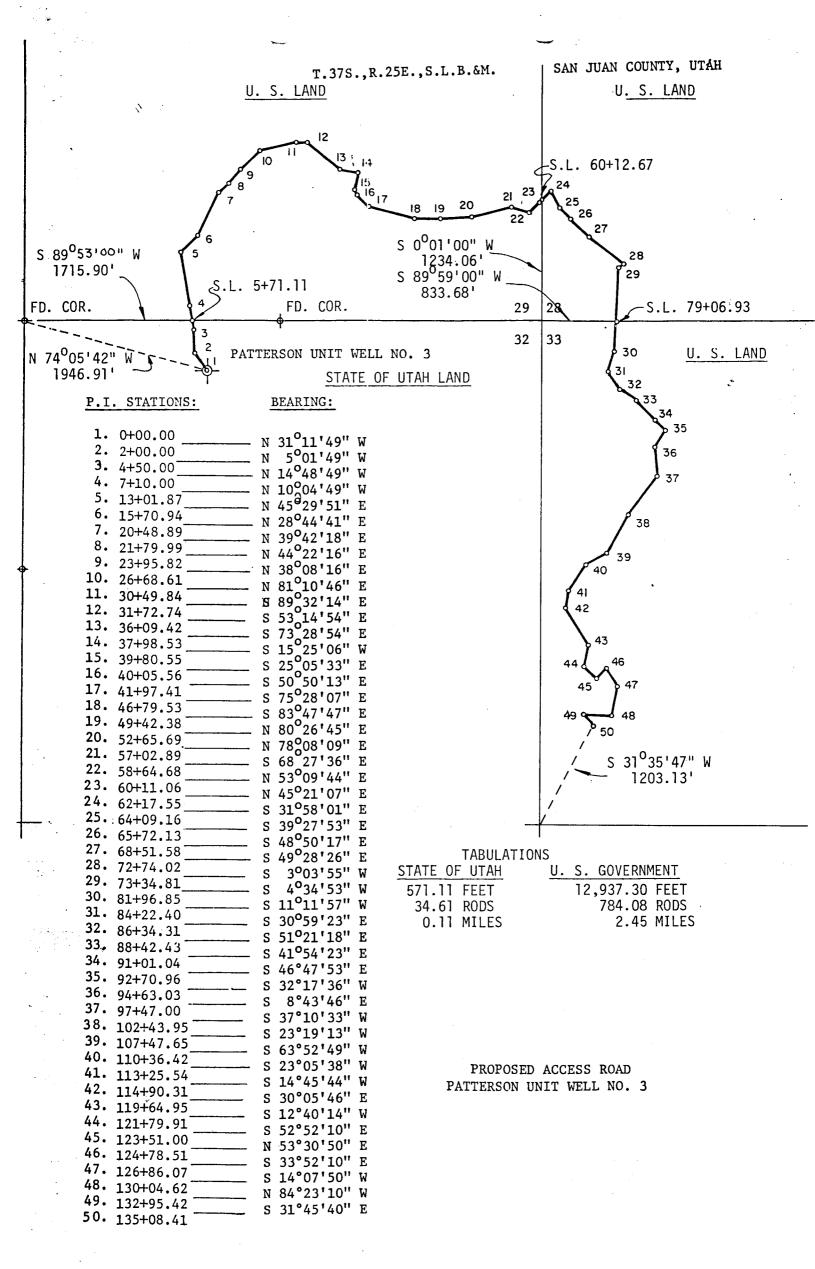
- 9. No abnormal temperatures, pressures or Hydrogen Sulfide is anticipated. BHT in the area are 125°F.
- 10. The anticipated spud date is upon State of Utah approval. Duration of drilling well will be approximately 25 days, with 2 days completion.

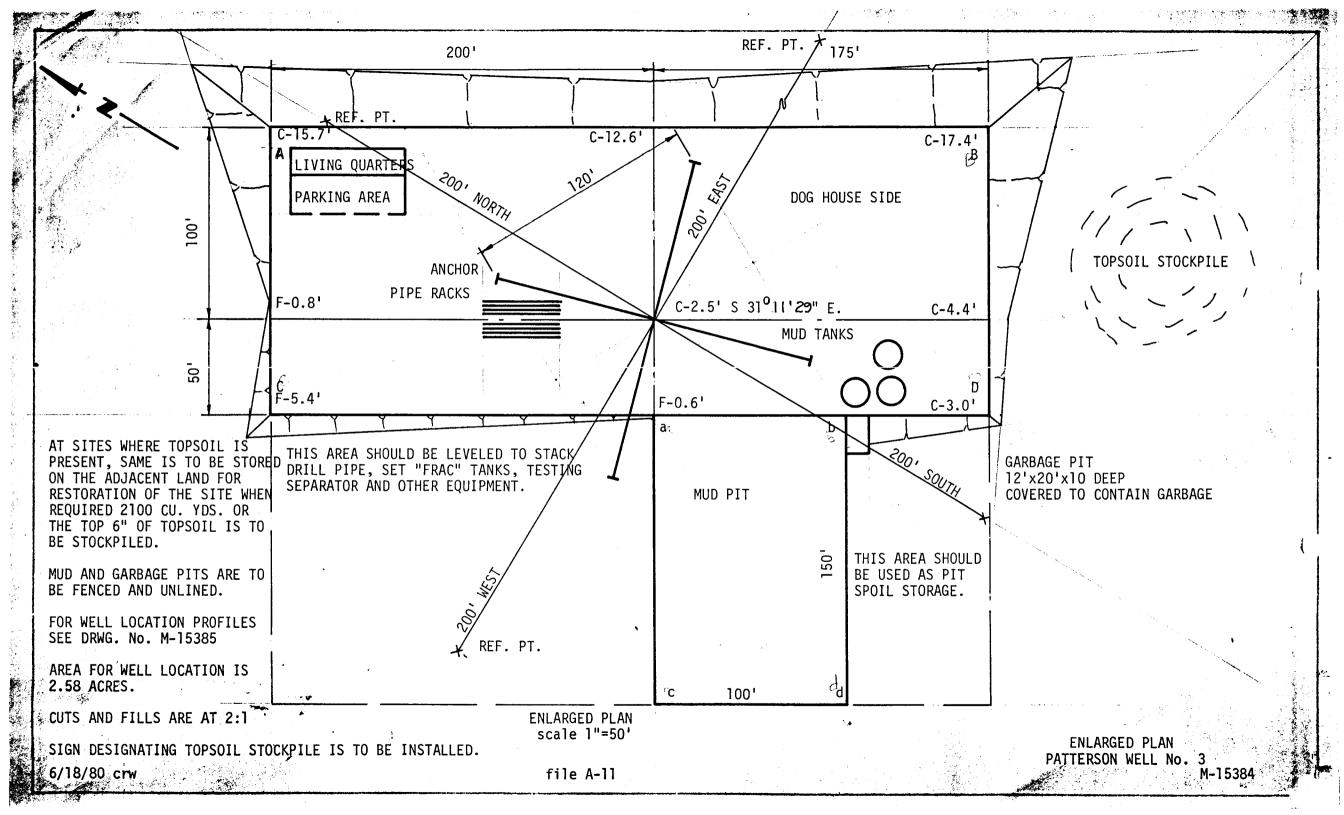


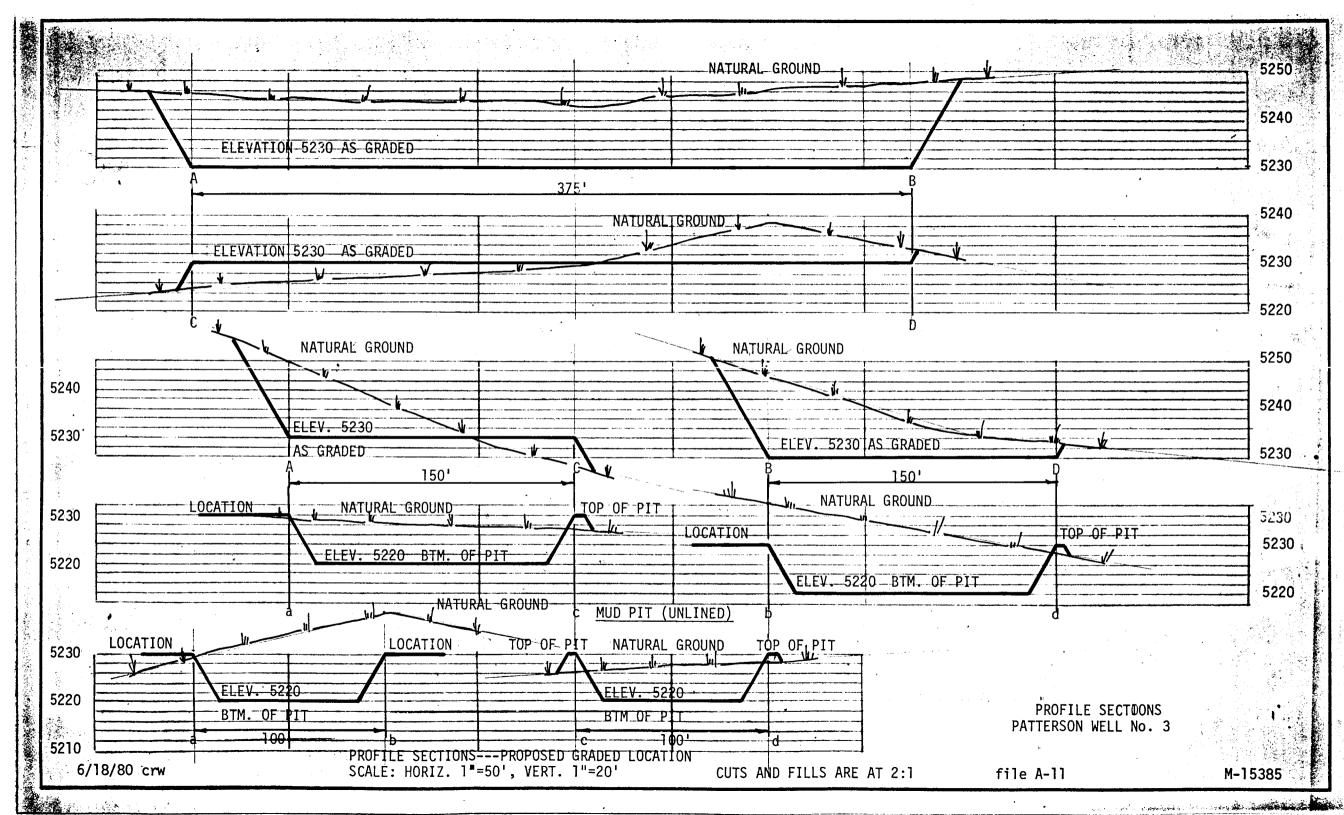


NOTE: For access road details see drawing number M-15387

AREA MAP
PATTERSON UNIT WELL NO. 3







DATE: July 8, 1980
OPERATOR: Weypro Company
WELL NO: Patterson Unit #3
Location: Sec. 32 T. 375 R. 25E County: San Juan
File Prepared: V Entered on N.I.D:
Card Indexed: Completion Sheet:
API Number 43-037-3057\$
CHECKED BY:
Petroleum Engineer: M.J. Minden 7-9-80
Director:
Administrative Aide: K on Unit boundry spacing
APPROVAL LETTER:
Bond Required: / Survey Plat Required: / /
Order No O.K. Rule C-3
Rule C-3(c), Topographic Exception - company owns or controls acreage within a 660' radius of proposed site
Lease Designation State-Wint Plotted on Map
Approval Letter Written
Hot Line P.I. P.I.

July 9, 1980

Wexpro Company
P.O. Box 1129
Rock Springs, Wyoming 82901

RE: Well No. Patterson Unit #3 Sec. 32, T. 37S, R. 25E., San Juan County, Utah

Insofar as this office is concerned, approval to drill the above referred to oil well is hereby granted in accordance with Section 40-6-11, Utah Code Annotated 1953; and predicated on Rule A-3, General Rules and Regulations and Rules of Practice and Procedure.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

MICHAEL T. MINDER - Petroleum Engineer

Office: 533-5771 Home: 876-3001

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (acquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-037-30574.

Sincerely,

DIVISION OF OIL, GAS AND MINING

Michael T. Minder Petroleum Engineer

/btm

cc: USGS

Donald Prince

June 18, 1981

Wexpro Company
P. O. Box 1129
Rock Springs, Wyoming 82901

RB: See Attached Sheet

Gentlemen:

In reference to above mentioned wells, considerable time has gone by since approval was obtained from this office.

This office has not received any notification of spudding. If you do not intend to drill these wells, please notify this Division. If spudding or any other activity has taken place, please send necessary forms. If you plan on drilling hhese locations at a later date, please notify as such.

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

Sandy Bates

.

- Well No. Patterson Unit #3 Sec. 32, T. 37S, R. 25E San Juan County, Utah
- Well No. Bug #5
 Sec. 15, T. 36S, R. 26E
 San Juan County, Utah
- Well No. Bug #13
 Sec. 17, T. 36S, R. 26E
 San Juan County, Ugah
- 4. Well No. Bug #11 Sec. 21, T. 36S, R. 26E. San Juan County, Utah
- 5. Well No. Bug #9 Sec. 18, T. 36S, R. 26E San Juan County, Utah



4241 State Office Building • Salt Lake City, UT 84114 • 831-533-5771

January 15, 1982

Wexpro Company
P. O. Box 1129
Rcok Springs, Wyoming 82901

Re: See attached

Gentlemen:

In reference to the above mentioned wells, considerable time has gone by since approval was obtained from this office.

This office has not received any notification of spudding. If you do not intend to drill these wells, please notify this Division. If spudding or any other activity has taken place, please send necessary forms. If we do not hear from your company within fifteen (15) days, we will assume you do not intend to drill these wells, and action will be taken to terminate the application. If you plan to drill this location at a later date, please notify as such.

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS AND MINING

Cari Furse Clerk Typist Well No. Patterson Unit #3 Sec. 32, T. 37 S, R. 25E San Juan County, Utah SECOND NOTICE

Well No. Bug #11 Sec. 21, T. 36S, R. 26E San Juan County, Utah SECOND NOTICE

Well No. Bug #5 Sec. 15, T. 36S, R. 26E San Juan County, Utah SECOND NOTICE



WEXPRO COMPANY

625 CONNECTICUT AVENUE • P.O. BOX 1129 • ROCK SPRINGS, WYOMING 82901 • (307) 362-5611

January 26, 1982

LA

State of Utah Division of Oil, Gas & Mining 4241 State Office Building Salt Lake City, Utah 84114

Gentlemen:

This is to notify you that Wexpro Company does not intend to drill the following wells for geologic reasons:

Patterson Unit #3, 32-37S-25E, San Juan County, Utah

Bug # 5, 15-36S-26E, San Juan County, Utah

Bug # 7, 7-36S-26E, San Juan County, Utah

Bug #11, 21-36S-26E, San Juan County, Utah

Bug #19, 21-36S-26E, San Juan County, Utah

Bug #21, 22-36S-26E, San Juan County, Utah

If a decision is made to drill at a later date, Wexpro will re-submit the applications to the Division.

Sincerely,

Jennifer Head

Coordinator Environmental Affairs

ON. ONISON OF THE STATE OF THE